# ERROR DETECTION IN STORAGE DATA

## ABSTRACT

Provided are a method, system, and an article of manufacture for detecting errors while accessing a storage device. A host system writes an identical initialization pattern

5    into each block of a plurality of blocks while formatting the storage device. Each block of the plurality of blocks has a checksum field capable of containing a value. Any host system generates an error when data from a retrieved block from the plurality of blocks computes to a checksum that is different from the value contained within the checksum field for the retrieved block, and the retrieved block does not contain the initialization

10   pattern.